

Fire-Resistant Tubular Profile Steel Door T 90-2-FSA System "Forster Fuego light"

standard **smoke-proof**, with glazing, optionally with top light/side part



Text example

Compile and tender according to requirements.
Please refer to Technical Data below for respective details.
Updated 01.11.2011

Position	No. of pieces	Item	Unit price €	Total price €
		Fire-resistant double-leaf steel door made of galvanized and yellow chromated precision profile steel tubes "Fuego" T 90 in shell design, building depth 70 mm, with fire-resistant glass Pyrostop 90-102, 37 mm thick, EPDM glass and rabbet seals, and retractable bottom seal. Latch-bolt lock with top locking, slide channel door closer with integrated door selector according to DIN EN 1154, on the hinge side. Bottom door edge with 10 mm gap. 4 weld-on hinges with a pivotal point of 16 mm. Fittings with EV1 surface as standard.		



Technical data

Building authority approval:

T 90-2-FSA door "Forster Fuego light"
Z- 6.20-1881 tested in acc. with DIN 4102

Installation in:

- Masonry, thickness ≥ 240 mm
- Concrete walls, thickness ≥ 140 mm
- Autoclaved aerated concrete in acc. with DIN 4165 ≥ 240 mm or for reinforced autoclaved aerated concrete ≥ 200 mm
- Lightweight construction stud walls ≥ 100 mm (only for internal walls)

Approved dimensions:

Overall frame dimensions:
Frame width: 1400 – 2490 mm
Frame height: 1725 – 2570 mm
Frame height with top light: 4000 mm

Type of handling:

DIN right outside/inside
DIN left outside/inside

Design:

Flush-mounted precision profile steel tubes "Fuego" T90 in shell design.
Building depth 70 mm,
facing width (door frame and leaf) 130 mm,
plinth height 90 mm, bottom door edge with 10 mm gap as standard.
Side part, top light: Door frame width 70 mm

Surface:

- galvanized steel and primed similar to RAL 9002 or finished in RAL 9010, 9016 (powder coating),
- finished in RAL on choice or DB 701,702,703 at additional charge (powder coating)

Fittings:

- 4 weld-on hinges
 - 1 security bolt per leaf (centrally located on the hinge side), above 2810 mm 2 security bolts
 - slide channel door closer according to DIN EN 1154 on hinge side
 - With retractable bottom seal
 - Fittings with EV1 surface as standard.
- Active door leaf:
- Latch-bolt lock with top locking
 - Aluminium round handle set
- Inactive door leaf:
- With rebate lever bolt and upper and lower locking mechanism

Leaf filling:

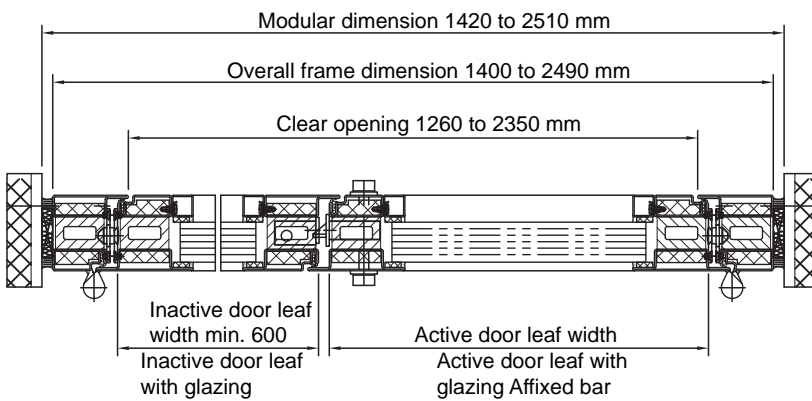
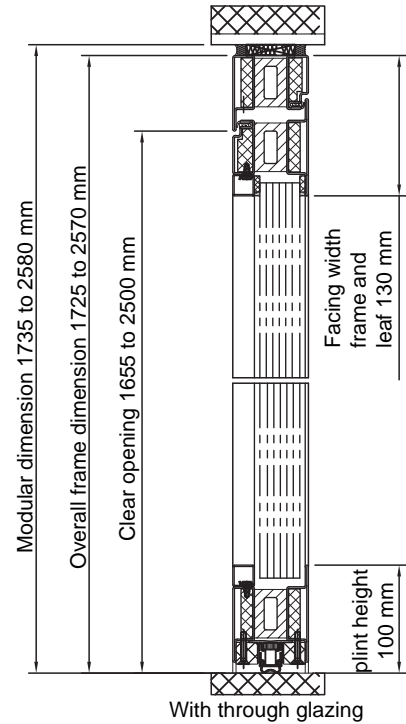
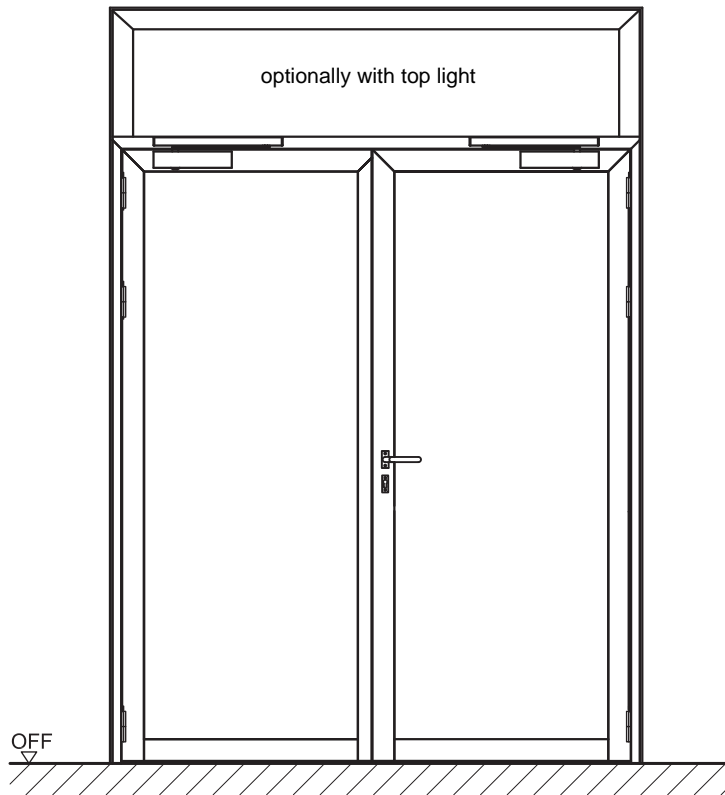
- Fire-resistant glass Pyrostop 90-102, 37 mm thick with one-sided glazing strips

Special Equipment

- Handle sets / Lever/Knob sets:
 - Plastic
 - Light metal
 - Stainless steel (various makes)
- Locks:
 - Panic locks
 - Block lock
- Panic bar handle (Pushbar)
- Door closer with smoke detector and hold-open device
- Electric door opener without manual unlocking
- Integrated lock inspector (bolt contact)
- Integrated opening indicator (Reed contact)
- Hold-open devices

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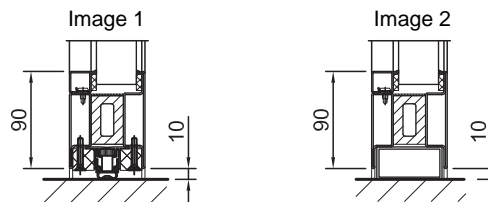


Active door leaf DIN right shown
Active door leaf DIN left laterally reversed

(For detail drawings also refer to the Installation details tab)

Floor connections:

Image 1: With retractable bottom seal
Image 2: Floor connection side part



Installation in masonry/ concrete walls

Installation: Flush soffit
concrete walls ≥ 140 mm
masonry walls ≥ 175 mm

